MA

ISSUE SLIP STAPLE AREA (for additional cross references)

POSITION	INITIALS	ID NO.	DATE
FEE DETERMINATION	PS.	<del>                                     </del>	4/22
O.I.P.E. CLASSIFIER	IN IN		11-21-95
FORMALITY REVIEW	BRY	7/9/18	51898

## **INDEX OF CLAIMS**

~	Rejected	N	Non-elected
	Allowed	11	Interference
-	(Through numeral) Canceled	Α	Appeal
÷	Restricted	0	Objected

laim	+=	63	عقدا	- <del>1</del>	Da	ıte		_				Ē	Clain	1			_	Da	ite	_	_	_	_	].	C	laim					Da	ıte			_	_
Original	11-070	2/27	00/20/08	04/30/04	2								Final	<u> </u>							F				1	Original								4	Γ	Γ
	Ξ	10	Īō	ļŠ,	<del> </del>	Τ.	1	4	$\perp$	$\perp$	_	$\vdash$	<u>۽</u> اُدِ	4	1	丄	丄	Ļ	$\perp$	$\perp$	L	Ľ	L		Final	ō	<u>L</u> '		L				<u>_</u>	1_	1_	
Ğ	~	14	ت=ا	=	1	_′	1	1	$\bot$	1	1	L	_ 5 <sup>-</sup>	1	1	1	L	L		L	$\Gamma$			1		110								<u></u>		+
2	1	-	+		Щ.	Ψ,	1	1	+	1	1.	F	52	_	1	1	$\perp$	$\perp$	$\perp$	$\Gamma$	Ŀ,			]		112									t	t
2	4	+	₩'	+H	ــــــــــــــــــــــــــــــــــــــ	⊥'	1	$\perp$	1	$\perp$	]	L	53		L	L	$\perp$	L	Γ.	$\Gamma$				1		113	_							T		T
4.	?	\ <u>\</u>	#	#	₩,	–	$\perp$	4	+	+	-	F	54		1	Ţ	T	T	T,	$\Gamma$	$\Gamma'$		ᆫ	]		114	-			E						t
<b>⊢.</b> →	<b>Y</b>	-	#	44'	₩,	₩	1	$\bot$	1	4	7	F	55	_	1	$\perp$	$\perp$	Τ.	Γ,	Ĺ.,	<u>'</u>	$\Box$	Ĺ	]	L	115										t
┷	7	7	₩	#	4-	1-	-	+	$\bot$	+	1	L	56		$\perp$	上	1	Τ,	Ĺ′	Ĺ	$\Box'$	$\square$	Ĺ	1		116	$\Box$	$\Box$	_'							t
		0	₩	#	₩'	₩	1	4.	٠	+	1	F	57		$\perp$	1	1	<u>Ļ</u> ,	⊥'	'_لُ	$\Box$	$\Box$	Ĺ	]		117	Ù	$\Box$								
_	_	0	₩	4	+-'	+	+-	+	+-	+	4	H	58	<del>-</del>	$\bot$	丰	↓_	—	<b>↓</b> _'	4_'	$\Box$	Ш	<u> </u>	1		118	لــا	٦	ٰ_ٰ	Γ,		Γ,	Γ,			E
	0	00	₩	11	-	1	1.5	+	+	+	4	$\vdash$	59	_	4-	$\perp$	4	<i>\_'</i>	<b>↓</b> _′	₩'	$\sqcup$	Ш	<u> </u>	1	L	119	ب	$\ddot{\dashv}$	ٰ'_	Γ.		Γ,	T,		$\Gamma$	1
		0	₩	4	1	1	+	+	+	+	4	-	60		+-	+	+	-	4_	4	$\vdash$	Ш	$\vdash$	1	L	110	Ш	4	ا_	<u>L</u>	_	Ĺ.	Ĺ.'	L	L.	T
12		V	₩	4	$\vdash$	$\vdash$	+	+	+	+-	┨.	$\vdash$	62		+	+	+	₩'	₩	4	$\vdash$	Н	$\vdash$	1	_	111	Ш	4			<u> </u>	Ĺ'	1			
13	, V	-	+++	+++	$\vdash$	$\vdash$	+	+	+	+	-	+	63		+	+-	+	+-'	$\vdash$	$\vdash$	$\vdash$		<u> </u>	4 17	1	112	Щ	$\vdash$	'	<u> </u>	<u></u>	↓_'	_′	╨'	⊥'	$\perp$
$\rightarrow$	_	V	+++	1	<u>                                     </u>	<del>     </del>		. ^	+	+	-	H	64		+-	+-	+-	₩	₩	$\vdash$	$\vdash$	$\vdash$	$\vdash$	1 /	-	113	$\dashv$	$\dashv$	'	<del> </del>	<u> </u> '	<b>↓</b> -'	<u></u>	<del> </del>		$\perp$
$\rightarrow$	-	1	+	H		$\vdash$	1	+	1	-	-	1			+	┼	⊬	₩	$\vdash$	4	<del>[</del>	H	$\vdash$	1.	-	114		$\dashv$	لــــ	₩'	₽,	₩	4.	<del> </del> '	₽'	Į.
-	_	1	1	4		$\mapsto$		+	+	1	1	Ë	66		+	i i	+-	+	-	$\vdash$	$\vdash$	<del>   </del>	ш	1	1	115 116	$\dashv$	$\rightarrow$	لـــ	₩'	₽	4-	1	+	1	1
17	1	-	1	1	1		1	+	+	+	1	-	67	_	+-	+	+	1	-	$\vdash$		H	ب.	1	-	116	$\vec{+}$	<del></del>		$\vdash$	₩	$\vdash$	₩	4	H	+
18	-	+*	1	rt			7.1	.†-	+	+	1	上	68	_	+	+-	+	+-1		$\vdash$	$\vdash$	-	$\vdash$	- /	-	118	4			$\vdash$	₩	ب	1	+	ب	<u> </u>
19	7	v	Ξ	=	<b>□</b>	1.7		1	+	+	惊	H	69		+	+	+	1	$\vdash$	<del>     </del>	<del>     </del>			1 /	-	119	$\rightarrow$	+	_	H	$\vdash$	1	$\vdash$	-	15	-
20	Ň	v	2	=			4		3	七	- 1	-	70		t.		1.	<del>     </del>	<del>[. ]</del>	<del>     </del>	$\mapsto$	-	Щ	1: 1	-	120		-+	_	$\vdash$		ب	1		٤	1
<b>(21)</b>	_	v	51	V		1.5	, 6-1					<u>.</u>	71	<u> </u>	1		1	1-	<u>                                     </u>	ш	$\mapsto$	$\rightarrow$	ب	$\{[]\}$	-	120	$\dashv$	$\dashv$	4	۲	Щ	1.7		1		100
_	-	-	松	V		+	+ 7	_	+-	_	٦.	_	72		╁╌╴	-	+	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\dot{\vdash}$	_	$\{[]\}$		122	-		_	$\vdash$	ш	لبا	ب	ب	4	-
23		v	V	V	1		( ) ( )			_		<b> </b> -	73		₩	H	$\vdash$	<del>[  </del>	$\leftarrow$	<del></del>	$\mapsto$	7	$\dashv$	$\{z\}$	-	123	-	+	_	$\vdash$	$\vdash$	-	Ĥ	1	له	+
_		v:		v.			1	_		-	-1 -	1	7 74	_		3	+-	-	-	$\longrightarrow$	$\overline{}$		-	[ ]	-	124	$\dashv$	+			$\vdash$	لينه			H	
25		اب	Ė	3						1.77		1	<u> </u>		1.	-	1	$\vdash$	$\mapsto$	$\longrightarrow$	$\rightarrow$	$\dashv$	-	77	F	125	+	+	-	$\tilde{\boldsymbol{\vdash}}$	$\vdash$	$\vdash$	ب	1	$\vdash$	-
26		v								1			76	<u> </u>	+	+	$\vdash$	-	$\longrightarrow$	<del></del>	$\overline{}$	1	-	1 /	-	126	+	+	-	$\vdash$	$\vdash$	$\vdash$		₩	ب	+
27		V	V	V	ų v	,:	· c		—		14	十	77		<del>     </del>	100		<del>     </del>	$\longrightarrow$	<del></del>	$\dashv$	-	7	1 7	-	127	+	+	+	٣	igoplus				1	-=
28		V.	~	V		2	3	F					78	3							=	=	-		_	128	7	7		$\overline{\Box}$		$\tilde{\vdash}$	1	-	1	-
29		V.	V	V	-	-	is in	7.7	- 1	77		1	79		1			$\Box$	$\overline{}$	$\rightarrow$	(1)	1	7	1 7	_	129	+	$\dashv$	1	$\vdash$	$\vdash$	$\mapsto$		$\vdash$	1	-
30		<b>   </b>	101	0			K.	_	3.	_	. 5-		70	0 :					6		$\sqcap$	1		1 /	-	130	7	+		$\Box$	<del>     </del>	$\mapsto$	$\vdash$	H	H	+
(্রা			Ξ	=				1			2		81	1								7		1	$\vdash$	131	7	+	7	$\Box$		$\Box$		-	$\mapsto$	
32			Ξ	3	-î	-		15F			2.		82									T		1	$\boldsymbol{-}$	132	1	1	7	$\Box$	$\Box$	$\Box$	$\Box$		$\Box$	H
35	4		Ξ	Ξ	لآ	غلمخا	17.	$\Box'$		$\Box'$			83						丁			T		1 7	$\vdash$	133	+	$\top$	$\forall$	$\neg$	$\sqcap$	aggregation	$\sqcap$	$\Box$	$\Box$	$\Box$
34	_	-	$\Box$	ات					Γ,				84							J	丁	1	$\exists$	01	$\rightarrow$	134	7	$\top$	7	$\neg$	$\Box$	$\dashv$	$\sqcap$	$\Box$	$\dashv$	$\overline{}$
35	4		Ŀ	ال	لت	لنا	انا	<u></u>			] "		85						J	J	J	T	$\Box$	1 1	П	135	$\exists$	$\top$	7	$\neg$	$\sqcap$	$\neg$	$\Box$	$\Box$	(-)	$\Box$
36	4		4	لت	لـــا	آآ	ليا	$\Box$	Ľ	$\Box'$	]		86								丁	I		1 1		136	$\top$	$\top$	7	$\neg$	$\Box$		$\Box$	$\Box$	$\rightarrow$	F.,
37	_		$\dashv$	إذ	لن	إ	Ù		$\mathbb{L}'$	$\Box'$			87	-					$\Box$	J	J	T	$\exists$	i. T		137	$\top$	$\top$	$\exists$	7	$\neg$	$\neg$	$\dashv$	$\Box$	1	<u> </u>
38	4	_	_		لــــ	إ	لـــَا	$\square$	$\Box'$	Ľ			88	_						J	$\Box$	I	$\neg$	i I		138	T	T	1	T	$\neg$	$\neg$			$\Box$	
39	4	_	$\dashv$	1	لت	آ	لآ		$\tilde{\square}'$	$\Box$	1		89	-							I	I		1		139	1	1	7		丁	J			7	
			4	4	ل	ب	٦		$\tilde{\mathbb{L}}'$		1		90	-								$\exists$	$\Box$	ıJ	$\Box$	140	T	T	7	$\neg$	$\neg$		1	$\sqcap$	Ţ	$\Box$
41.	$\overline{}$	J		Ì	ات	$\Box$							91					门		J	1	7	٦	ı T	_	141	$\top$	$\top$	7	7	1	1		$\Box$	1	$\Box$
42	Ţ	¥5	$\Box$	$\Box$							l		92					丁	丁	丁	1	+	٦	, 1		142	7	+	+	$\exists$	$\dashv$	+	1	$\Box$	1	$\neg$
	-	4	4	<u>_</u>	آ	$\Box$	لآ	$\Box$	$\Box'$		ĺ		93	_				丁	丁	丁	T	T	٦	, [		143	1	1	1	$\exists$	$\exists$	1	1	$\dashv$	7	$\neg$
44	4	-	4	4	إل	٦	لت	Ù	Ù		1		94						$\Box$	丁	T	T		, 1	$\rightarrow$	144	1	+	$\top$	T	7	1		$\Box$	1	$\Box$
45	4	_	4	_	<u>_</u>	1	لتَ	$\Box$	$\Box$				95	_					$\Box$	J	T	T	丁	, [		145	1	十	$\top$	$\exists$	1	丁	J		寸	
46	4	4	_	4		إث	ال	لآ	Ù	$\Box$	i		96							丁	1	I	$\neg$	, [	-	146	T	T	T	$\top$	$\top$	-	-	4	-a ]	$\Box$
47	4	4	4	1	٦	4	لت	آ	ال	$\Box$	Ĺ		97							J	$\exists$	Ţ		, [	-	147	T	$\top$	T	$\top$	$\top$	T	$\neg$		Ť	$\neg$
480	+	-1	-	1	<u> </u>	$\stackrel{\sim}{+}$	آآ	لت	لَـا	لآ	1		98				$\Box$				$\exists$	I		, [	-	148	T	Ţ	1	7	T	丁	丁	一	丁	J
49 50	+	-1	4	4		<u> </u>	<u> </u>	آآ	لل	لل	j		99				Ü	$\Box$	$\Box$	$\Box$	I	I		, [		140	T	士	1	7	$\exists$	丁	丁	J	1	J
Sn.			. 1		. 1	. 1		( )	í -	$( \rightarrow $	(	1	100	<b>.</b> ∫	$\cap$	ĒΙ	-1	, Ti	$\neg$	$\neg$	$\neg$	7	1	_ 1		150/	1	_	T	• 1	$\neg$	1	8	e	$\Box$	

If more than 150 claims or 10 actions staple additional sheet here